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Approved For Release 2004/03/26 : CIA-RDP78B04747A002200020020-4

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*21 APR 67*  
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[Redacted]

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[Redacted]

12 April 1967  
635 - OD-154

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[Redacted]

Post Office Box 8031  
Southwest Station  
Washington, D. C. 20024

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Subject: [Redacted] Progress Report  
March 1967 - Project No. 635

Gentlemen:

In accordance with contract provisions on the above project, we are enclosing three (3) copies of [Redacted] Progress Report on Project 635 for the period March 1967.

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Also enclosed are two (2) copies of our Financial Report for this period.

Very truly yours,

[Redacted Signature]

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Executive Vice President

LHB/aw

Enc. (3) P. R.  
(2) F. R.

Cert. #855572

DECLASS REVIEW by NIMA/DOD

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[Redacted]

GROUP 1  
EXCLUDED FROM AUTOMATIC  
DOWNGRADING AND  
DECLASSIFICATION  
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635 PROGRESS REPORT

PERIOD COVERED: March 1967

DOCUMENT NO.: OD-152

PRESENT STATUS:

The microscope eyepiece extension has been "breadboarded" in our optical laboratory, mockups of the final configuration approved by the customer's technical representative, and the design released for fabrication. At month's end, fabrication of parts was 90% completed.

As a result of the evaluation of the microscope adaptor mockups by the customer's technical representative, a basic change was made to increase the length of the extension to bring the eyepoint closer to the observer. Otherwise, the design is basically the same as originally conceived by [ ] as a result of the human engineering study.

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In addition to the microscope extension, a number of modifications have been made to the basic table and the film transport system made operational. No major problems have been encountered in the transport; smooth operation is achieved with the single knob control through the speed range of .5 inches/sec. to 400 ft/min without evidence of excessive film stress or film spillage during rapid deceleration.

At present, however, work has been suspended pending approval of our request for overrun (dated 3-3-67).

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PROBLEM AREAS:

Target Cost Overrun - It became apparent during the latter part of February that additional funds would be soon required to complete the whole instrument in addition to those authorized for implementing the change in scope.

The target cost was reached during March and work terminated pending receipt of authorization to exceed target cost (request submitted 3-3-67). The work performed during March was limited to additional effort required to reach certain milestone goals such as demonstration of film transport and microscope extension optical performance.

SUMMARY OF CORRESPONDENCE:

Visit by customer's technical representative (E.D.) to [ ] on March 9, 1967. Customer's representative E.D. visited [ ] to examine the wooden mockups of the microscope extension proposed by [ ]. The general configuration was found to be acceptable, however, E.D. requested that the length of the eyepiece extension be increased by 3 inches to put the eyepoint in a more favorable position. [ ] indicated that this could be done without sacrificing the optical quality, however, it would exaggerate the cantilever effect and make support a more difficult problem. [ ] agreed that the change would be made and a marked up layout drawing of the new design, giving specific dimensions was given to E.D.

E.D. also was given Polaroid photographs of the various eyepiece extension configurations.

FINANCIAL REPORT:

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REW:maj

Prepared By: [ ]

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